

INTERNATIONAL SEARCH REPORT

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Application No

PCT/IB 03/03836

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B17/028 G11B17/32 G11B17/34		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) PAJ, WPI Data, EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/004342 A1 (NODA ET AL.) 21 June 2001 (2001-06-21) paragraph '0054! - paragraph '0056!; figures 2,3	1-3, 5, 6
A	--- PATENT ABSTRACTS OF JAPAN vol. 013, no. 271 (P-889), 22 June 1989 (1989-06-22) & JP 01 064163 A (BROTHER IND LTD), 10 March 1989 (1989-03-10) abstract	4
A	--- PATENT ABSTRACTS OF JAPAN vol. 1999, no. 04, 30 April 1999 (1999-04-30) & JP 11 016234 A (SHARP CORP), 22 January 1999 (1999-01-22) abstract --- -/--	7
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents :		
A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed		
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Date of the actual completion of the international search 9 December 2003		Date of mailing of the international search report 22/01/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Poth, H

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 1997, no. 05, 30 May 1997 (1997-05-30) & JP 09 017079 A (NEC CORP), 17 January 1997 (1997-01-17) abstract</p> <p>-----</p>	1

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Information on patent family members

Format

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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